

Powerhouse Two Expands Industrial Supply Operations Across North America

Powerhouse Two expands its industrial supply operations across North America, broadening distribution, services, and market reach.

WINTER GARDEN, FL, UNITED STATES, June 10, 2026 /EINPresswire.com/ -- Powerhouse Two Inc., an American provider of commercial energy storage products and battery manufacturing services, has formally announced the expansion of its industrial logistics and engineering operations. The company is scaling up its domestic infrastructure to address growing stability requirements within global supply chains, specifically servicing original equipment manufacturers, municipal infrastructure networks, healthcare facilities, and enterprise property groups. By moving to an optimized factory-to-door distribution architecture, the organization aims to reduce the common capacity degradation risks associated with intermediate third-party warehousing.

Industrial operators face increasing volatility when sourcing high-volume electrochemical components. Traditional wholesale pipelines often introduce significant shelf-life bottlenecks, causing cell stock to lose chemical potential before field installation. To resolve this logistical vulnerability, the company has expanded its direct-to-enterprise freight pathways. This supply mechanism provides corporate procurement managers with factory-fresh, lot-controlled



D Size alkaline battery supplier USA



C Size alkaline battery supplier

cell inventories that feature predictable discharge behaviors under continuous industrial workloads.

The expanded distribution framework positions the organization as a highly structured alkaline battery supplier in the USA capable of meeting strict federal tracking mandates. According to freight management indicators published by the U.S. Department of Transportation, establishing resilient domestic component pipelines is a key driver for maintaining heavy industrial uptime. The company addresses this logistical baseline by providing clear lot numbers and comprehensive technical documentation with every bulk commercial shipment.

Industrial applications require strict cell consistency to avoid premature voltage sag and unexpected equipment downtime. Consumer-grade power products are generally optimized for intermittent, low-drain duty cycles, making them ill-suited for the complex digital circuitry found in automated facility hardware. The company manages these operational differences

by manufacturing cells using high-purity manganese dioxide formulations that significantly lower internal resistance. This architectural choice yields a flatter voltage plateau, allowing automated electronic door locks, wireless sensors, and facility safety actuators to function without frequent battery changes.

The structural composition of the cells involves thick steel outer walls combined with advanced polymer seals. This triple-seal design safely manages internal pressure changes caused by prolonged thermal exposure or rapid electrical discharge cycles. By containing active chemicals securely, the cells eliminate the corrosive leak risks that commonly destroy the sensitive circuit terminals of high-value commercial hardware assets. The entire product lineup operates efficiently across an industrial temperature range of -18 degrees to 55 degrees Celsius.

As corporate regulatory bodies place greater emphasis on long-term resource management,



AAA alkaline battery



Power Adapter

industrial operators must seek sustainable power strategies. The company has integrated new development initiatives focused on second life batteries to help enterprise clients align with modern circular economy frameworks. By evaluating the residual capacities of recovered battery modules, technicians can determine optimal pathways for re-deploying cells into static energy storage applications or low-stress backup grids. This methodology extends the functional lifecycle of active raw materials and decreases the total ecological footprint of corporate energy operations.

Furthermore, all primary chemical formulations used in the company's product lines adhere strictly to domestic environmental safety standards. Guidelines from the U.S. Environmental Protection Agency encourage industrial facilities to eliminate hazardous heavy metal waste streams whenever possible. To support these clean manufacturing objectives, the company produces power cells that are 100 percent free of mercury and cadmium. This simplifies institutional waste management protocols and reduces specialized hazardous material handling surcharges for high-volume corporate users.

Product development teams often encounter severe physical and electrical constraints when trying to integrate standard cell geometries into proprietary hardware chassis. Forcing standard cells into complex industrial enclosures often forces engineering compromises regarding safety circuits and heat dissipation. The company addresses these technical bottlenecks through its dedicated hardware division, which specializes in assembling a [custom lithium cell](#) to match specific electronic load signatures. These tailored configurations integrate advanced battery management systems that actively defend against overcharging, deep cell discharge, and dangerous thermal runaway.

The manufacturing process utilizes automated surface-mount technologies and precise spot welding to guarantee uniform cell matrices across massive production volumes. Every proprietary configuration undergoes comprehensive electrical profiling and environmental stress testing before leaving the assembly floor. This direct engineering oversight allows product designers to accelerate their commercialization timelines while ensuring full compliance with international safety protocols, including UN38.3 and RoHS certifications.

Reliable diagnostic data is a core requirement for maintenance technicians who manage complex facility sub-assemblies and electrical grids. When field engineers utilize high-end instrumentation to evaluate line voltages or system calibrations, component accuracy remains critical. The company manufactures the [best 9V batteries for multimeter](#) applications and handheld calibration units by engineering a rugged cell block that maintains low internal resistance throughout its life cycle. This prevents the erratic voltage drops that cause diagnostic tools to generate false low-battery alerts or calibration drift.

The premium 9V cells feature a ten-year operational shelf life when maintained in standard climate-controlled storage conditions. This longevity allows healthcare institutions, utility companies, and defense facilities to maintain deep emergency readiness reserves with complete

confidence in cell potential. By delivering direct from production lines to corporate clients, the company ensures that active field gear operates with maximum energy density from the first day of deployment.

The execution of this expanded logistical framework represents a structural shift away from traditional brokerage models. The organization operates under a veteran-led executive group that prioritizes technical transparency, clear communication, and repeatable manufacturing metrics over conventional sales techniques.

""Our transition to a comprehensive, factory-direct industrial energy model is intended to give enterprise procurement teams absolute control over their supply predictability,"" stated Gregg Halteman, Executive Vice President of Powerhouse Two Inc. ""In our view, a high-performance power cell should be treated as a precision-engineered component rather than a generic commodity. We believe that by providing direct engineering transparency and completely eliminating intermediate warehouse storage time, our clients can safely extend their facility maintenance cycles, control their operational labor overhead, and shield their sensitive hardware assets from early field failures.""

About Powerhouse Two Inc.

Powerhouse Two Inc. is a veteran-owned manufacturer and distributor of industrial-grade power components, custom battery packs, and technical energy storage solutions. Headquartered in Orlando, Florida, the corporation services global original equipment manufacturers, multi-location hospitality groups, medical device developers, and heavy industrial facilities. The organization operates on a direct-to-business logistics model that delivers factory-fresh power assets straight to corporate clients, bypassing third-party distributor networks to preserve chemical energy density and product longevity.

Media and Corporate Contact Information

Company Name: Powerhouse Two Inc.

Contact Person: Nick Wirbel

Phone Number: 1-(407)-654-5451

Email Address: nick.wirbel@powerhb.com

Corporate Website: <https://powerhb.com/>

Mailing Address: 120 West Crown Point Road Suite 112 Winter Garden, Florida 34787

Powerhouse Two Inc.

Powerhouse Two Inc.

+1 407-654-5451

nick.wirbel@powerhb.com

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